

ABSTRACT OF THE DISCLOSURE

A color wheel assembly including a color filter, a motor, a fixing element, and an optical element. The motor has a housing and a motor body, and the housing is set to a side of a central axis of the motor body. The color filter is set on the housing of the motor. The motor body is fixed on the fixing element. A holder is formed on the fixing element, and the holder outwardly extends from the fixing element. The optical element is jointed with the holder. In addition, the invention also provides a color wheel assembly further including an auxiliary fixing element, which is set on the fixing element and has an outwardly extending holder with which the optical element is jointed.